



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

July 18, 2008

Mr. Mike Lambert, Public Works Director  
City of Albemarle  
PO Box 190  
Albemarle, NC 28002-0190

Re: Corrective Action Plan (C.A.P.)  
City of Albemarle, active C&D Landfill on top of closed MSW Landfill, Permit #84-01  
Stanly County  
Additional Information Request  
Tracking # 5249

Dear Lambert:

On behalf of the City of Albemarle, Municipal Engineering Services Company, P.A. (MESCO) submitted a Corrective Action Plan (C.A.P.) and supporting documentation pertaining to groundwater contamination that originated from the closed MSW landfill with an active C&D Landfill on top. The completed CAP application, the CAP, and supporting documentation were submitted on July 1, 2008. As stated in previous letter to you on July 8, 2008, titled "Approval of Remedy", I mentioned that a technical review of the plan (CAP) has not been completed by the Solid Waste Section and is forthcoming. I have further reviewed the CAP and have some questions to ask of the consultant, MESCO in order to proceed further with my review of the CAP.

*Corrective Action Plan-7/1/08*  
*Section 3.2 Evaluation of Effectiveness*

Please modify Section 3.2 of the CAP by adding the following reporting requirement criteria mentioned in next paragraph, which are stated in the "NC Solid Waste Section Guidelines For Corrective Action at Solid Waste Management Facilities", specifically under Chapter 5 --of the subsection "NC Solid Waste Section Corrective Action Plan (CAP)(.1636 and .1637). A copy of the guidelines are located at:  
<http://www.wastenotnc.org/swhome/EnvMonitoring/SWCorrectiveMeasuresGuidance.pdf>

Chapter (No. 5) under "Evaluation of Effectiveness and Report Submittals" – states: "Reports shall include, at a minimum, a summary report including; data tables, laboratory reports, groundwater elevation contour maps in plan view and cross section, isoconcentration contour maps in plan view and cross section, an evaluation of the effectiveness of the corrective action, and graphs illustrating trends of indicator constituents from key/representative monitoring stations".

*Corrective Action Plan-7/1/08*  
*Section 4.3 Timeline*

Please modify Section 4.3 of the CAP by adding: O&M criteria, Safeguard Measures and Site Security, and requests for modifications". These requirements are also mentioned in the "NC Solid Waste Section Guidelines For Corrective Action at Solid Waste Management Facilities", specifically under Chapter 7--"Schedule and Maintenance" of the subsection "NC Solid Waste Section Corrective Action Plan (CAP)(.1636 and .1637).

*Corrective Action Plan-7/1/08*  
*Section 4.3 Timeline*  
*Plate 4 – Cross Sections*

Modify the cross sections to include seasonal high (shallow) and seasonal low (deep) groundwater elevations.

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Please note the comments and questions raised above and have your Geologic Consultant provide additional information and revisions as needed. If you, your Geologic Consultant, or your Engineering Consultant have any questions, or wish to schedule a meeting to discuss the items referenced in this letter, please call me at 919-508-8524.

Sincerely,



Brian Wootton  
Hydrogeologist  
Solid Waste Section

cc: Madeline German MESCO  
Wayne Sullivan, P.E. MESCO  
Mark Poindexter Solid Waste Section  
Ed Mussler Solid Waste Section  
Deb Aja, Solid Waste Section  
Teresa Bradford Solid Waste Section